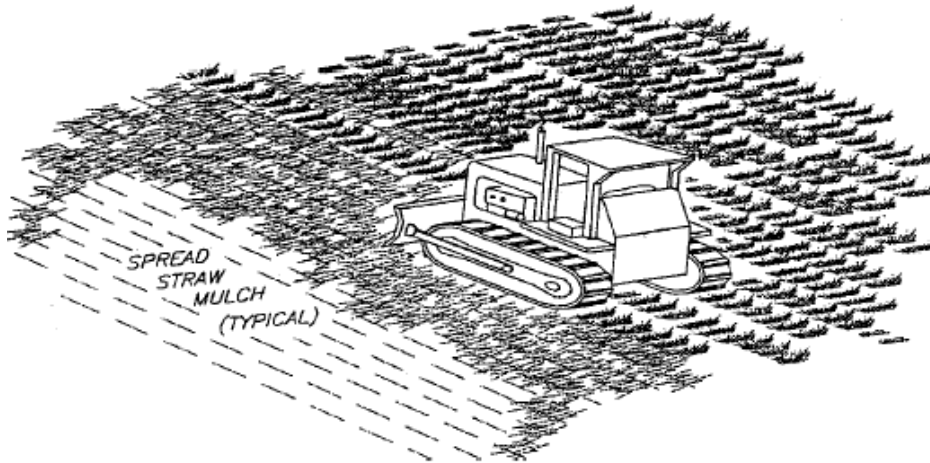# BMP: Chemical Mulch   CM

SPREAD STRAW MULCH (TYPICAL)

DESCRIPTION:

Applying materials such as vinyl, asphalt, plastics, or rubber on an unprotected slope to temporarily stabilize the slope.

APPLICATION:

- As a tacking agent to aid the stabilization of mulches (where matting is not used)
- As a short-term alternative in areas where temporary seeding practices cannot be used because of seasonal condition or climate
- On steep and rocky slopes where neither mechanical methods or mulches and protective netting can be effectively applied

INSTALLATION / APPLICATION CRITERIA:

- The application rates and procedures recommended by the manufacturer of a chemical stabilization product should be followed to prevent the products from forming ponds and from creating large areas where moisture cannot get through.
- For permanent application, chemical mulches (when used with seed and mulch) should be applied over wood fiber or straw mulch

LIMITATIONS:

- Chemical mulches can create impervious surfaces and impact water quality if not properly applied
- Some products may not be suitable for use near live streams

MAINTENANCE:

- Inspect at regular intervals and after each runoff-producing storm event or at a minimum of once every two weeks
- Replace chemical mulch as needed to ensure adequate level of coverage

OBJECTIVES

- [ ] Housekeeping Practices
- [ ] Contain Waste
- [ ] Minimize Disturbed Areas
- [x] Stabilize Disturbed Areas
- [x] Protect Slopes/Channels
- [ ] Control Site Perimeter
- [x] Control Internal Erosion

TARGETED POLLUTANTS

H M L

H	M	L	
x			Sediment
	x		Nutrients
		x	Heavy Metals
		x	Toxic Materials
		x	Oil & Grease
		x	Floatable Materials
		x	Bacteria & Viruses
		x	Other Waste

IMPLEMENTATION REQUIREMENTS

H M L

H	M	L	
	x		Capital Costs
		x	O&M Costs
		x	Maintenance
		x	Training
		x	Staffing
		x	Administrative

H = High **M =** Medium **L =** Low

DAVIS COUNTY STORM WATER COALITION

1500 East 650 North
Fruit Heights, UT 84037